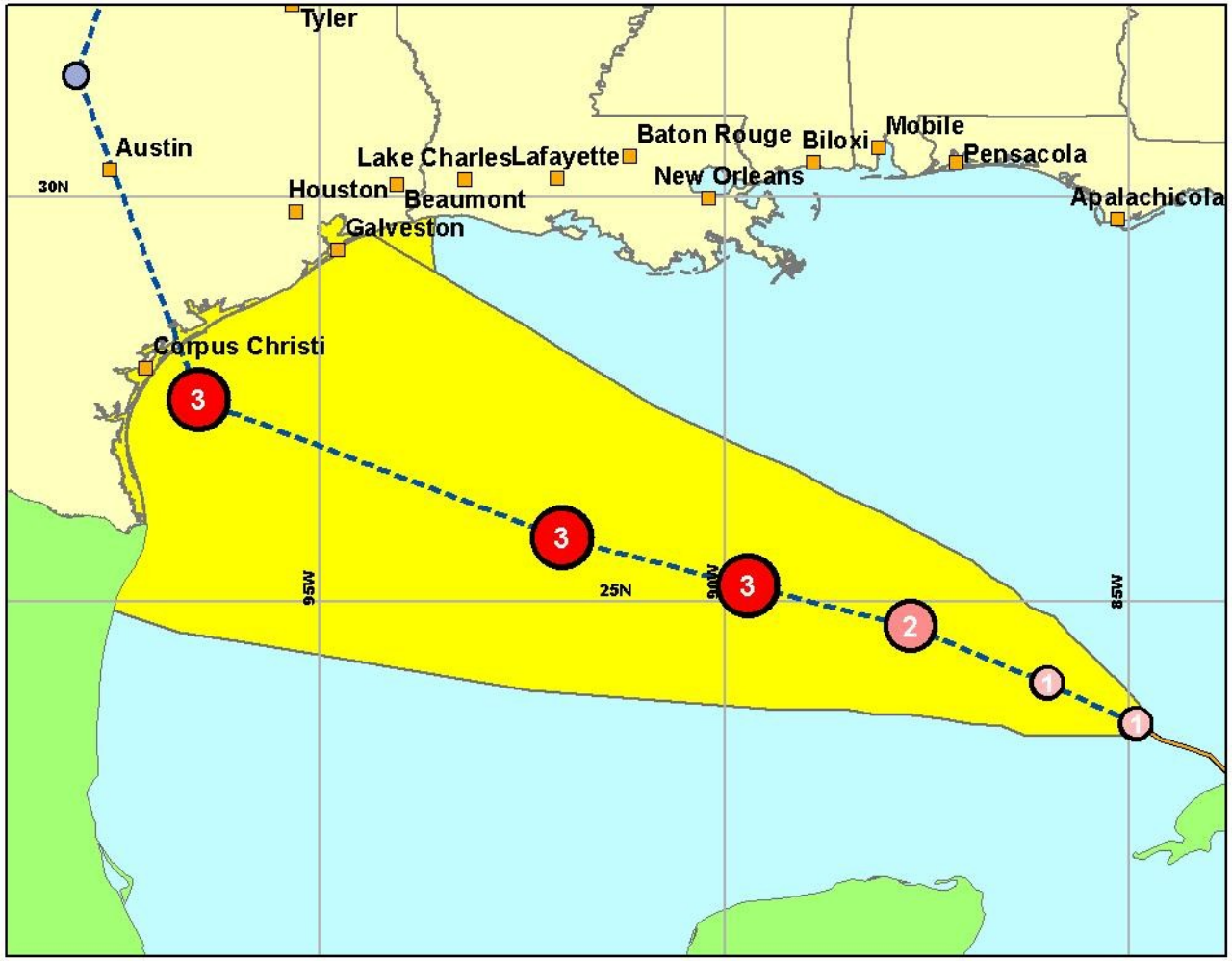
US Army Corps of Engineers

# Hurricane Ike 3-Day Model

## Landfall Expected Within 3 Days

**For Planning Purposes Only!**




- Tropical Storm
- Category 1 Hurricane
- Category 2 Hurricane
- Category 3 Hurricane
- Category 4 Hurricane
- Category 5 Hurricane
- Coastal Cities
- NHC Forecast Track
- Lat/Long Grid
- Historic Track
- States
- Probable Landfall Zone

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Information provided on this page displays 1 possible Category 3 landfall scenarios within the error cone provided by the NHC. These projections are based on information from the NHC **(0500 EDT 09/10/2008)** updated forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

**Hurricane Ike 3-Day Model**

Generated By: Siemsen & Deatrick, LRL
0700 EDT 09/10/2008

**Sources:**
HURREVAC
LRL-DEBRIS

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### Debris and Commodity Look Ahead

Water Commodities - Trucks/Distribution Lanes Ramp-up
(Number of Trucks and Lanes Anticipated - end of each day)

| | Debris (cu yds) | Trucks Day One (25%)* | Trucks Day Two (50%)* | Trucks Day Three (100%)* | Trucks Day 1-3 Total | Within Hurricane Force Winds Population | Households |
|---|---|---|---|---|---|---|---|
| **Lake Charles Track** | | | | | | | |
| Louisiana | 6,500,000 | 6 | 11 | 22 | 39 | 280,000 | 103,000 |
| Texas | 500,000 | 2 | 3 | 3 | 8 | 23,000 | 9,000 |
| **Total** | **7,000,000** | **8** | **14** | **25** | **47** | **303,000** | **112,000** |
| **Beaumont Track** | | | | | | | |
| Texas | 10,500,000 | 10 | 19 | 37 | 66 | 441,000 | 167,000 |
| Louisiana | 400,000 | 1 | 2 | 4 | 7 | 28,000 | 11,000 |
| **Total** | **10,900,000** | **11** | **21** | **41** | **73** | **469,000** | **178,000** |
| **Galveston Track** | | | | | | | |
| Texas | 53,500,000 | 78 | 155 | 310 | 543 | 4,562,000 | 1,618,000 |
| **Total** | **53,500,000** | **78** | **155** | **310** | **543** | **4,562,000** | **1,618,000** |
| **Corpus Christi Track** | | | | | | | |
| Texas | 8,500,000 | 10 | 21 | 42 | 73 | 479,000 | 169,000 |
| **Total** | **8,500,000** | **10** | **21** | **42** | **73** | **479,000** | **169,000** |
| **Brownsville Track** | | | | | | | |
| Texas | 12,500,000 | 20 | 40 | 79 | 139 | 1,134,000 | 320,000 |
| **Total** | **12,500,000** | **20** | **40** | **79** | **139** | **1,134,000** | **320,000** |

**Key assumption is that establishment of distribution lanes will be the limiting factor.**

* Florida has been noted as the exception to the 25%, 50%, 100% availability of distribution lanes. USACE SMEs indicate that Florida can stand up 50 lanes per day if needed.

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